WHAT IS CLAIMED IS:

1. A method of processing electronic devices , wherein several devices are processed simultaneously in a mode-stirred chamber , and said processing comprises a transfer of airborne signals between at least one antenna in the chamber and an antenna on each of the devices.

2. A method according to claim 1, wherein said processing comprises downloading of software to said electronic devices .

3. A method according to claim 1, wherein said processing comprises testing of said electronic devices .

4. A method according to claim 3, wherein said tests of said devices are performed synchronously.

5. A method according to claim 3, wherein said tests of said devices are performed sequentially.

6. A method according to claim 1, wherein said tests of said devices are different for different devices .

7. A method according to claim 1,
wherein
said processing comprises downloading of enabling software to said devices as a last step in the production process, while said devices are individually packaged in their final package.

8. A method according to claim 1,
wherein
said processing comprises test of radio properties of said electronic devices as well as test of acoustic and optical properties of said devices .

9. A method according to claim 3,
wherein
said tests are carried out at different environmental conditions.

10. A method according to claim 1,
wherein
said processing comprises measuring the average output power of each of said radio communications devices by rotating one stirrer of said mode-stirred chamber, and averaging the results of several measurements for each rotation of said stirrer .

11. A method according to claim 1,
wherein
said processing comprises determining the radiation efficiency of each of said radio communications devices by making a measurement of average received power for each device and comparing it with a corresponding measurement using a reference antenna with known radiation efficiency.

12. A method according to claim 11,
wherein

said processing comprises determining the specific absorption rate of each of said radio communications devices by performing the steps of creating a numerical model of the radio device type and its interaction with a phantom body, determining the radiation efficiency of each of said radio communications devices in a mode-stirred chamber , and calculating the SAR value for each device using said numerical model and individual values of radiation efficiency.

13. A method according to claim 1, wherein said processing is performed at different frequencies.

14. A method according to claim 1, wherein said airborne signals are transmitted according to the Bluetooth standard.

15. A chamber for processing electronic devices , wherein said chamber comprises means for controlling of airborne signals which are transferred simultaneously between antenna means in the chamber and antenna means on several devices .

16. A chamber according to claim 15, wherein said means are arranged for controlling of motors operatively connected to respective mode stirrers in the chamber.

17. A chamber according to claim 15 , wherein

said means comprise a base station and computer means .

18. A chamber according to claim 17, wherein the computer means comprises software to be downloaded to said electronic devices .

19. A chamber according to claim 15, wherein said chamber comprises one or more field diffusing elements.

20. A chamber according to claim 19, wherein said field diffusing elements comprise cavities located inside the chamber , said cavities being filled by dielectric material with a high dielectric constant and a low loss factor.

21. A chamber according to claim 16, wherein at least one mode stirrer is covered with a dielectric material with a high dielectric constant and a low loss factor.

22. A chamber according to claim 15, wherein said chamber comprises a vibrator for inducing mechanical vibrations.

23. A chamber according to claim 15, wherein said chamber is provided with several receiving antennas for each device under test.

24. A chamber according to claim 15,
wherein
said chamber Is provided with one receiving antenna for
each device under test.

25. A chamber according to claim 15,
wherein
said chamber is adapted for downloading enabling
software to said devices while said devices are individually
packaged in their final package.

26. A chamber for processing electronic devices
wherein
said chamber is adapted for testing several radio
communications devices simultaneously according to a predetermined
test program, said chamber comprising a base station
for setting up calls to a group of the radio communications devices
In the chamber , each device being assigned
a unique receive and transmit channel for airborne signals, and wherein said
devices comprising basic software and energizing means at least
enabling the completion of the test, and at least one receive antenna
for receiving radio signals from said group.

27. A chamber according to claim 26,
wherein
said chamber comprises a transmit antenna for a
separate air interface, and each of said radio communications devices
comprises a receive module for said separate air interface, and at least a part
of said basic software Is downloaded to the devices in said chamber
via said separate air interface.

28. A chamber according to claim 26,
wherein
at least a part of said predetermined test program is downloaded to the radio communications devices in said chamber via said separate air interface.

29. A chamber according to claim 27,
wherein
said chamber comprises a receive antenna for a separate air interface, and each of said radio communications devices comprises a transmit module for said separate air interface, and at least a part of the results of the completed test program is transferred from the radio communications devices to said receive antenna via said separate air interface.

30. A chamber according to claim 27,
wherein
said separate air interface is based on the Bluetooth standard.

31. A chamber according to claim 26
wherein
said chamber comprises a separate, smaller inner chamber adapted for keeping the electronic devices in a controlled atmosphere, temperature and humidity, and the walls of said chamber are made of a material that is relatively transparent to electromagnetic waves.

32. A chamber according to claim 26,
wherein
said chamber is adapted for testing the average output power of each of said radio communications devices by rotating of at least one stirrer, and averaging the results of several measurements for each rotation of said stirrer.

33. A chamber according to claim 26,
wherein
said chamber is adapted for testing the radiation efficiency of each of said radio communications devices by first making a measurement using a reference antenna against which the efficiency of said radio communication devices is compared.

34. A chamber according to claim 26,
wherein
said chamber is adapted for testing acoustic and optical properties of several devices simultaneously.

35. The use of a chamber for processing electronic devices ,
wherein
several devices are handled simultaneously and said processing comprises a transfer of airborne signals .